



|   |  |
|---|--|
| <b>UTILITY APPLICATION</b>                              | Attorney Docket No.: <b>MGENE.011A</b>   |
|   | First Named Inventor: <b>Stewart J. Lebrun,</b>  |
|   | Title: <b>MOLECULAR BIOSWITCH FOR DETECTING<br/>PROTEIN INTERACTIONS USING ELECTRICAL<br/>CONDUCTIVITY</b> |
|   | Express Mail Label No.: <b>EV 319022227 US</b>   |
| <b>Direct all correspondence to Customer No.: 20995</b> |  |
| Date: June 27, 2003<br>Page 1 of 2                      |  |

**Mail Stop Patent Application**

United States Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313-1450



The following enclosures are transmitted herewith to be filed in the patent application of:

**Inventors:**

1. Stewart J. Lebrun, a U.S. citizen
2. Michael T. O'Neill, a British citizen

**APPLICATION ELEMENTS:**

- (X) Specification in 17 pages.
- (X) Drawings in 6 sheets.

**CONTINUITY INFORMATION:**

| Application      | Relationship | Parent App. No. | Filing Date | Status  |
|------------------|--------------|-----------------|-------------|---------|
| This Application | Provisional  | 60/393,195      | 7/1/02      | pending |
|                  |              |                 |             |         |

- (X) Incorporation by Reference. The entire disclosure of the prior application(s) is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

**OTHER APPLICATION PARTS:**

- (X) Return prepaid postcard.

**UTILITY APPLICATION**

Attorney Docket No.: MGENE.011A

First Named Inventor: Stewart J. Lebrun,

Title: **MOLECULAR BIOSWITCH FOR DETECTING  
PROTEIN INTERACTIONS USING ELECTRICAL  
CONDUCTIVITY**

Express Mail Label No.: EV 319022227 US

**Direct all correspondence to Customer No.: 20995**

Date: June 27, 2003

Page 2 of 2


**FILING FEES:**

The present application qualifies for small entity status under 37 C.F.R. § 1.27. The fees are calculated below:

| FEE CALCULATION    |            |              |                      |              |
|--------------------|------------|--------------|----------------------|--------------|
| FEE TYPE           |            | FEE CODE     | CALCULATION          | TOTAL        |
| Basic Utility      |            | 2001 (\$375) |                      | \$375        |
| Non-English Spec.  |            | 1053 (\$130) |                      | \$0          |
| Recordation Fee    |            | 8021 (\$40)  | 0 x 40 =             | \$0          |
| Excess Claims > 20 | 3 - 20 = 0 | 2202 (\$9)   | 0 x 9 =              | \$0          |
| Independent > 3    | 3 - 3 = 0  | 2201 (\$42)  | 0 x 42 =             | \$0          |
| Multiple Claim     |            | 2203 (\$140) |                      | \$0          |
|                    |            |              | <b>TOTAL FEE DUE</b> | <b>\$375</b> |

**(X) The total fees calculated above will be paid at a later date.**

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

  
Mark R. Benedict  
Registration No. 44,531  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

# **Knobbe Martens Olson & Bear LLP**

*Intellectual Property Law*

2040 Main Street  
Fourteenth Floor  
Irvine, CA 92614  
Tel 949-760-0404  
Fax 949-760-9502  
www.kmob.com

Mark R. Benedict, Ph.D.  
949-721-6323  
mbenedict@kmob.com

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## **CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No.** : MGENE.011A

**Applicants** : Stewart J. Lebrun, et al.


**For** : MOLECULAR BIOSWITCH FOR  
DETECTING PROTEIN INTERACTIONS  
USING ELECTRICAL CONDUCTIVITY

**Attorney** : Mark R. Benedict

**"Express Mail"**  
**Mailing Label No.** : EV 319022227 US

**Date of Deposit** : June 27, 2003

I hereby certify that the accompanying Transmittal letter; specification in 17 pages; 6 sheets of drawings; Return Prepaid Postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Nelson Merida

H:\DOCS\MRB\MRB-3648.DOC062703

San Diego  
619-235-8550

San Francisco  
415-954-4114

Los Angeles  
310-551-3450

Riverside  
909-781-9231

San Luis Obispo  
805-547-5580